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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. : 10/647,677 Confirmation No.: 3291
Applicant : RAWNICK
Filed : August 25, 2003
TC/A.U. : 2821
Examiner : CAO, Heudung X.

Docket : 7162-0082
Customer No. : 39207

TRANSMITTAL LETTER

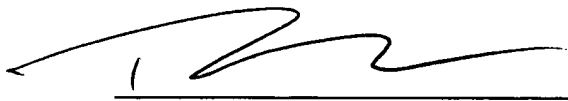
Mail Stop Amendment
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please find attached for filing:

- ✓ Supplemental Information Disclosure Statement
- ✓ PTOSB08A, SB08B, References
- ✓ Fee: \$180
- ✓ Postcard Receipt
- ✓ Please charge any deficiencies or credit any overpayments to Deposit Acct. No. 50-2884.

5-20-05
Date


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Certificate Under 37 C.F.R. 1.8(a)

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PATENT

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is being submitted in compliance with 37 CFR 1.97. A list of documents on form SB08A together with a concise explanation or a translation of each non-English language document is enclosed herewith. The fee set forth in §1.17(p) is enclosed herewith. Please charge any deficiencies to Deposit Acct. No. 50-2884.

Respectfully submitted,

Date: 5-20-05

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05/24/2005 EFLDRES 00000024 10647677

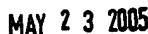
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Sheet	1	of	3
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Complete if Known

Application Number	10/647,677
Filing Date	Aug. 25, 2003
First Named Inventor	Rawnick
Art Unit	2821
Examiner Name	CAO, Heudung X.
Attorney Docket Number	7162-0082

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY			
		JP 2000307362	11/02/2000	MITSUBISHI ELEC		
		JP 10/190321	07/21/1998	NEC CORP		
		JP 56-123102	09/28/1981	MITSUBISHI ELEC		
		JP 05-211402	08/20/1983	FURUKAWA ELEC		
		JP 07-015218	01/17/1995	FUJI ELEC		
		JP 08-154006	06/11/1996	MURATA MFG		

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/647,677
		Filing Date	Aug. 25, 2003
		First Named Inventor	RAWNICK
		Art Unit	2821
		Examiner Name	CAO, Heudung X.
Sheet 3	of 3	Attorney Docket Number	7162-0082

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		ITOH, T.; et al: "Metamaterials Structures, Phenomena and Applications" IEEE Transactions on Microwave Theory and Techniques; April, 2005; [Online} Retrieved from the Internet: URL:www.mtt.org/publications/Transactions/CFP_Metamaterials.pdf>	
		KIZILTAS, G.; et al: "Metamaterial design via the density method" IEEE Antennas and Propagation Society Int'l Symposium 2002, vol. 1, 16 June 2002 pp 748-751, Piscataway	
		SALAHUN, E.; et al: "Ferromagnetic composite-based and magnetically-tunable microwave devices" IEEE MTT-S Microwave Symposium Digest, Vol. 2, 2 Jun 2002 pp1185-1188	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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